

Application No.: 09/390928

Docket No.: CXT-019CPRCE

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) In a network including a client system and a plurality of servers, the plurality of servers including a web server, a method for executing an application program that is available for use, the method comprising:

- ~~(a) receiving, by the web server, an identification of at least one application program hosted by at least one of the plurality of servers;~~ executing, by a web server, a neighborhood application to collect application-related information from the plurality of servers concerning application programs hosted by the plurality of servers;
- ~~(b)~~ retrieving from a database a page template;
- ~~(b)(c)~~ creating, at the web server, a page describing a display of hosted application programs available to the client system responsive to the collected application-related information and the retrieved page template;
- ~~(c)(d)~~ transmitting the created page to the client system for display;
- ~~(d)(e)~~ receiving, from the client system, a request to execute one of the hosted application programs;
- ~~(e)(f)~~ choosing, from the plurality of servers, a server hosting the requested application program;
- ~~(f)(g)~~ executing the requested application program at the chosen server; and
- ~~(g)(h)~~ providing output from the executing application program executing at the chosen server directly to the client system for display at the client system.

2. (Previously Presented) The method of claim 1 further comprising receiving, by the web server, user credentials from a client system.

3. (Cancelled)

4. (Previously Presented) The method of claim 2 wherein receiving user credentials comprises receiving by the web server biometric user credentials from a client system.

5. (Previously Presented) The method of claim 2 wherein receiving user credentials comprises receiving by the web server encrypted user credentials from a client system.

6. (Previously Presented) The method of claim 2 wherein receiving user credentials further comprises:

- (a) receiving by the web server user credentials from a client system;
- (b) authenticating at the web server the user of the client system based on the received

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user credentials; and

(c) executing a selected one of the available application programs hosted by one of the plurality of servers without requiring further receipt of user credentials from the client system.

7. (Currently Amended) The method of claim 1 wherein step ~~(b)~~(c) comprises creating an SGML page indicating hosted application programs available to the client system.

8. (Currently Amended) The method of claim 1 wherein step ~~(b)~~(c) comprises creating an HTML page indicating hosted application programs available to the client system.

9. (Currently Amended) The method of claim 1 wherein step ~~(b)~~(c) comprises creating an output page describing the available application programs as icons in a graphical user interface window.

10. (Currently Amended) The method of claim 1 wherein step ~~(e)~~(d) comprises transmitting the created page to the client system using HTTP.

11. (Cancelled)

12. (Currently Amended) The method of claim 1 wherein step ~~(f)~~(g) further comprises executing the requested application in a window described in the created page.

13. (Previously Presented) The method of claim 1 further comprising establishing a connection between the client system and the server executing the requested application.

14. (Currently Amended) The method of claim 1 further comprising communicating, by the neighborhood application executing on the web server, with the plurality of servers to determine the application programs hosted by the plurality of servers.

15. (Cancelled)

16. (Currently Amended) In a network including a client system and a plurality of servers hosting application programs, a web server comprising:

a service module collecting ~~an identification of~~application-related information from a plurality of servers concerning at least one application program hosted by at least one of the plurality of servers;

a database storing the collected ~~identifications wherein the service module chooses, based on the collected identifications, for at least one hosted application program a server selected from the plurality of servers for executing the application program for display on a client system~~application-related information, and a page template;

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an output display and selection creation engine creating a page describing a display of, and making available for selection, the hosted application programs available to the a client system, the page created responsive to the collected application-related information and the retrieved page template wherein one of the hosted application programs, upon selection, is executed at the chosen server for display on the client system; and

a transmitter transmitting at least one of the created page and the output from the application program executing at the chosen server directly to the client system for display at the client system.

17. (Previously Presented) The web server of claim 16 wherein said service module transmits a datagram to at least one of the plurality of servers to collect the identification of at least one application program hosted by those servers.

18. (Previously Presented) The web server of claim 16 wherein said output display and selection creation engine creates the page using SGML document templates.

19. (Previously Presented) The web server of claim 18 wherein said transmitter transmits the created page using HTTP.

20. (Previously Presented) The web server of claim 16 further comprising a receiver receiving user credentials from the client system.

21. (Previously Presented) The method of claim 1 further comprising receiving, by the web server, information selected from the group consisting of the address of the server hosting the identified application program, the users who are authorized to use the identified application, a group of users authorized to use the application, and the minimum capabilities required of the client system to execute the identified application.

22. (Previously Presented) The web server of claim 16 wherein the service module further collects information selected from the group consisting of the address of the server hosting the identified application program, the users who are authorized to use the identified application, a group of users authorized to use the application, and the minimum capabilities required of the client system to execute the identified application.

23. (Currently Amended) An article of manufacture having computer-readable means for presenting to a client system application programs that are available for use, the article comprising:

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computer-readable means for ~~receiving~~ executing, by a web server, ~~an identification of at least one application program hosted by at least one of a plurality of servers~~ a neighborhood application to collect application-related information from a plurality of servers concerning application programs hosted by the plurality of servers;

computer-readable means for retrieving from a database a page template;

computer-readable means for creating, at the web server, a page describing a display of hosted application programs available to a client system, the page created responsive to the collected application-related information and the retrieved page template;

computer-readable means for transmitting the created page to the client system for display;

computer-readable means for receiving, from the client system, a request to execute one of the hosted application programs;

computer-readable means for choosing, from the plurality of servers, a server hosting the requested application program;

computer-readable means for executing the requested application program at the chosen server; and

computer-readable means for providing output from the application program executing at the chosen server directly to the client system for display at the client system.

24. (Previously Presented) The article of manufacture of claim 23 further comprising computer-readable means for receiving, by the web server, user credentials from a client system.

25. (Cancelled)

26. (Previously Presented) The article of manufacture of claim 24 wherein the computer-readable means for receiving user credentials comprises computer-readable means for receiving, by the web server, biometric user credentials from a client system.

27. (Previously Presented) The article of manufacture of claim 24 wherein the computer-readable means for receiving user credentials comprises computer-readable means for receiving, by the web server, encrypted user credentials from a client system.

28. (Previously Presented) The article of manufacture of claim 24 wherein the computer-readable means for receiving user credentials further comprises:

computer-readable means for receiving, by the web server, user credentials from a client

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system; computer-readable means for authenticating at the web server the user of the client

system based on the received user credentials; and

computer-readable means for executing a selected one of the available application programs hosted by one of the plurality of servers without requiring further receipt of user credentials from the client system.

29. (Previously Presented) The article of manufacture of claim 23 wherein the computer-readable means for creating comprises computer-readable means for creating an SGML page indicating hosted application programs available to the client system.

30. (Previously Presented) The article of manufacture of claim 23 wherein the computer-readable means for creating comprises computer-readable means for creating an HTML page indicating hosted application programs available to the client system.

31. (Previously Presented) The article of manufacture of claim 23 wherein the computer-readable means for creating comprises computer-readable means for creating an output page describing the available application programs as icons in a graphical user interface window.

32. (Previously Presented) The article of manufacture of claim 23 wherein the computer-readable means for transmitting comprises computer-readable means for transmitting the created page to the client system using HTTP.

33. (Cancelled)

34. (Previously Presented) The article of manufacture of claim 23 wherein the computer-readable means for executing at the chosen server further comprises computer-readable means for executing the requested application in a window described in the created page.

35. (Previously Presented) The article of manufacture of claim 23 further comprising computer-readable means for establishing a connection between the client system and the server executing the requested application.

36. (Previously Presented) The article of manufacture of claim 23 further comprising computer-readable means for communicating, by the web server, with the plurality of servers to determine the application programs hosted by the plurality of servers.